

11-10-2019

C-Dem Researchers Meeting Notes, November 10, 2019

Consortium on Electoral Democracy

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C-DEM RESEARCHERS MEETING

Boardroom, First Floor
Munk School of Global Affairs and Public Policy, University of Toronto
315 Bloor Street West, Toronto

November 10, 2019, 10:00 a.m. to 4:00 p.m.

NOTES

PARTICIPANTS

- See appended list of participants (pages 15 – 16)

LINKS TO SUPPORTING DOCUMENTS

The supporting documents for the meeting have been uploaded to the C-Dem Dropbox, in the C-Dem Researcher folder, Meeting Materials, here is the link:

<https://www.dropbox.com/sh/clage9e3vahn937/AAACTt5ASZBp4J71H5OjwC7Ia?dl=0>

These documents include the PowerPoint presentation. References to the relevant slides are provided in the notes.

AGENDA ITEM #1 (10:15 – 11:00 A.M.): DATA COLLECTION OVERVIEW

DISCUSSION POINTS

(a) Overview of the C-Dem Project

- Funded by the Social Sciences and Humanities Research Council of Canada (SSHRC) Partnership Grant
- The focus of the C-Dem Project is to explore the challenges for democracy which include:
 - Low levels of turnout comparatively
 - The rise in populism; both a backlash to diversity as well as feeling that government is not effective; good and bad to this, challenging for governments
 - Not knowing how democracy will unfold in digital times
 - Expanding the very limited knowledge of how people get information and how that matters for views of democracy
 - Exploring how democracy works between elections, and how it is changing
 - The C-Dem application was ranked 7/25 in our field in the 2019 SSHRC Partnership Grant Competition
- The key components of the C-Dem Project were outlined (slide #2)

(b) C-Dem Network

- C-Dem is a dynamic research network that addresses urgent questions about political engagement, underrepresentation, levels of government, and the evolution of public opinion between and across elections
- Members of the C-Dem Network include representatives from the public and private sector
- A handout providing the current list of C-Dem Network members was provided (see link in *Supporting Documents*, page 1)

(c) Surveys

- Base of the C-Dem Project with the objectives to:
 - Implement long-term planning and coordination for the Canadian Election Study (CES); surveys in 2019 and 2023
 - Expand the coordinated study of elections to the provincial level by conducting provincial and territorial election studies (PES) in collaboration with the project's Electoral Management Board (EMB) partners (as the elections arise after 2019)
 - Conduct annual national surveys, Democracy Checkups, in the inter-election periods
 - Investigate the consequences of innovations in data collection through multi-modal comparisons of telephone and various types of online samples
- The surveys conducted in 2019 were summarized (slide #4)
- The following link to the survey codebooks in the C-Dem Dropbox folder was provided to participants via e-mail prior to the meeting:
<https://www.dropbox.com/sh/k8jw2dztjflolip/AABkuRe7OrW8WEU2plAub2pca?dl=0>
- There are numerous opportunities for partner involvement including survey modules, contracts with data, consultation on questions, and oversamples
- *Ben Allen Stevens* (CES Project Manager and Lead Programmer) along with *Joanie Bouchard* and *Laura French-Bourgeois* (Post-doctoral Fellows) were recognized and thanked for the integral role they played in making the surveys happen

(d) 2019 CES Phone Survey

- The questionnaire was bilingual
- An integrated phone/web option was used for the PES
- Field dates:
 - Campaign period survey (CPS), rolling cross section, September 12 – October 21 (before polls open)
 - Post-election survey (PES): began October 22
 - Still collecting data; 58% return to sample (RTS) so far
- Contracted with new company to do the survey, Advanis
 - Has a lot of government contracts
 - Restricted to citizens
 - Quota for region – 20% each ON, QC, BC, MB/SK/AB, NL/PE/NB/NS
- Sample size (N) is 4021 (targeted 308 per day)

- Random selection from phone number lists and random-digital-dialed (RDD)
 - A list of working landline phone numbers, supplemented with 10% RDD (to catch unlisted numbers) was used; this 90/10 is industry standard and far more efficient because numbers that don't exist are eliminated
 - More cell phones than landlines were contacted (70 cell/30 landline)
 - The cell phone number list was based on a master list Advanis has compiled over years that also excludes non-working numbers
- The response rate is 5.6%
- The right distribution by province was achieved (slide #8)
- A comparison of the responses to the phone survey in 2015 and 2019 was presented (slide #7) and discussed

(e) Online Data Collection

- *Democracy Checkup*
 - C-Dem is committed to an annual non-election survey each spring
 - The 2019 survey was contracted with Dynata (formerly SSI-Research Now)
 - Year 1 extended the non-election survey into a 4-wave panel that included the election (slides #11 and #12)
 - Quotas for age, gender, and province
 - Restricted to citizens and permanent residents
 - N = 5,074
 - Bilingual questionnaire
 - Initial topics:
 - Political Attitudes
 - Participation
 - Support for Democracy and Democratic Values
 - Attitudes toward Diversity (which is a shared focus of interest among C-Dem Network members)
- *CES Online (pre/post design)*
 - Contract with Qualtrics
 - Four main sub vendors which is normal for a vendor to do
 - Complex design:
 - Core survey (full sample); took ~17 minutes to complete
 - Internal Modules
 - External Modules
 - Field dates:
 - CPS was September 13 – October 21
 - PES started October 24
 - Quotas for age, region, and gender
 - Restricted to citizens and permanent residents
 - N = 33953 (CPS)
 - N = 11000+ (PES)
 - 31.70% RTS
 - Bilingual questionnaire
 - 20 modules from partners

- Further detail regarding CES Online Survey was provided including:
 - Time taken to complete the survey (slide #13)
 - Number of responses per day (slide #14)
 - Breakdown of the sample by provider (slide #16)
 - Vote choice (slide #17)
- The project management did not go well with Qualtrics

(f) Comparison of the Studies

- Data was presented to provide descriptive characteristics of the samples for the Democracy Checkup Surveys and the CES surveys (slide #18)
- The brief discussion of this comparison included the comment that the CPS online CES sample of 58% female is skewed and could require further investigations

(g) CES 2019: Online Modules

- Peer-reviewed Module Competition:
 - Researcher Stream: Dassonville (chair), Rubenson, Soroka
 - PhD Student Stream: Harell (chair), Roy, Bélanger
 - Good proposals were received
 - Some who did not win bought modules
- External Modules (purchased space)
 - Coordinated through Ryerson using 2015 Local Parliament Project (LPP) model
 - 22 modules (see chart below)
 - 17 faculty, 2 post doctorate students, 4 students
 - 17 Canadian, 3 American
- A chart outlining the topic of the external modules, the samples sizes, and the sample characteristics was presented (slide #20)
- Based on the books and papers that resulted from the 2015 LPP, it is reasonable to expect that the modules will further the use of the CES data

(h) Other C-Dem Data Collection – Debate Commission Partnership

- Asked by the Leaders' Debate Commission to gather data as part of the CES; the Commission is keen on learning how to do debates better
- Conducted a three-wave panel
- 4000 respondents in the week before the debates, 2000 re-interviewed in the week of the debates, 1000 re-interviewed in the week after the election
- The survey is separate from the CES, yet the core of the survey is a combination of CES items and debate-specific items
- Additional social media analysis was conducted
- The project is led by post doctorate student John McAndrews; Aengus Bridgeman is leading the social media analysis

- The data will be released to the public
- Publication outcomes are:
 - A report to the Commission, integrated into their report to Parliament
 - A potential paper on debate effects
 - A paper on what voters want from debates
 - Chapter contributed to a comparative volume on debates around the world

QUESTIONS/INSIGHTS

- CES phone and online challenges include:
 - The cost of doing the surveys is increasing
 - Keeping the length of the surveys at 20 minutes made it difficult to cover everything
 - The response rates for RDD phone surveys are decreasing
 - RTS is low and there is a lot of variation across vendors
 - Need to determine core multi-mode questions, core online, split samples, and module size
 - Additional challenges were identified (slide #22)
- The modules take a lot of management and there is a diversity of participant experience
- The phone survey offered the options of reconnecting by phone or e-mail in the PES
 - Need to look for mode effects
 - Was this an effective way of re-contacting people?
- For the CES 2019 Phone Survey, were the working phone numbers on the list randomly chosen?
 - The list has been developed by Advanis over time (as noted on page 3)
- What weights are being used?
 - The weights are currently under consideration by the C-Dem Scientific Committee
- What is the cause of the change in response rates in the phone survey from 2015 (37%) to 2019 (5.6%)?
 - The response rate is less than expected, yet post-survey data are still being collected; the target is 60%
 - The response rate in 2015 is unusually high; ISR was contracted to do the survey; the company did not bid on the 2019 contract – price was a barrier; C-Dem was told by others that the survey would cost a lot more
 - The refusal number is very high for the 2019 survey; one reason may be that Advanis does not have physical call space, their employees call from their homes
 - Raises the question: Should future surveys be done by phone?
- How experienced are the survey respondents? Is this their first survey?
 - The quality of the respondents is low
 - A real challenge with the online post-survey is the return to sample; Qualtrics did not make the CPS target requested which was 50,000 respondents; and will not make 50% RTS

- The following issues were discussed re: the process of procuring vendors:
 - There is a limited number of vendors
 - A lot of surveys were being conducted because of the federal election, which made it challenging to get bidders
 - Online vendors have different success rates in re-contacting the people who completed the CPS for the PES
 - The university's procurement rules include a \$50 fee to submit a bid
 - The procurement process for universities is challenging if the contract is over \$100,000; at Western and Ryerson, a formal, competitive bid process is required
 - There were two bidders for the CES Online Survey; Qualtrics won the bid
- It was noted that the web survey has more data; phone was 20 minutes; 50% the size of 2015 CES
- The challenge is having data that can be used by multiple audiences including teaching at the secondary and post-secondary levels plus outreach – this will be developed in the second and third year of the project

AGENDA ITEM #2 (11:00 – 12:00 P.M.): DISCUSSION OF CES CORE SURVEY

DISCUSSION POINTS

(a) Format

- Participants divided into three groups, each to discuss one of three topics:
 - Sampling and Design
 - Values and Attitudes
 - Vote Choice and Turnout – What goes into the core CES survey
- The discussion of each group was facilitated by a member of the C-Dem Executive Committee
- Each group was asked to report back to the larger group

(b) Group Reports

- *Sampling and Design*
 - Develop a well-annotated script to provide total transparency in the creation of the weights
 - Identify the different audiences/consumers, e.g., experienced researchers, middle users
 - Provide a couple of weighting choices using clear language
 - Show what happens when different weights are chosen
 - Enable people to create their own weights and establish a hub to empower the community to help each other
 - The difference in response rates between 2015 and 2019 is puzzling; 37% response rate in 2015 is hard to believe, the 5.6% response rate in 2019 is closer to what is expected
- *Sampling and Design - Actions*
 - A one-day meeting, scheduled for next summer, is going to be organized by Laura Stephenson, C-Dem Network Co-Director, to talk about sampling and design

- *Values and Attitudes*
 - Looking at the Democracy Checkup data:
 - Flag partisanship, populism and immigration
 - Explore how to capture democratic values and participation, and emerging trends
- *Values and Attitudes - Action*
 - Hold a Democracy Checkup meeting in January to discuss developing the next survey
- *Vote Choice and Turnout – What goes into the Core CES Survey*
 - The bulk of the questions that form the core of the CES survey were accepted
 - Additional core issues were identified, including education and the environment
- *Vote Choice and Turnout - Actions*
 - Develop a master list of issue-related questions to which provincial leads can refer and choose the questions that are relevant to their province; the master list will provide consistency across various levels
 - Convene a meeting of the provincial leads in January to finalize the core Provincial/Territorial Election Survey

(c) Further Comments

- It is expected that people's involvement will ebb and flow over the Project's duration
- People can be on multiple project committees
- The project's governance structure is flexible and is expected to evolve over time with input from the C-Dem Network
- Need to identify the minimum content we want on all surveys
- The mandate of the C-Dem Network is to shape how to study democracy in Canada and try innovative approaches such as short pop-up surveys on cell phones
- The seven-year time frame allows for 'testing things out'

AGENDA ITEM #3 (1:00 – 1:45 P.M.): ISSUES TO STUDY AT THE PROVINCIAL LEVEL

DISCUSSION POINTS

(a) Overview of C-Dem Research at the Provincial Level

- A C-Dem Project objective is to expand the coordinated study of elections to the provincial level and inter-election period by conducting provincial election studies in consultation with the relevant EMBs
- Five provincial election management bodies (EMBs) are C-Dem Project partners:
 - Elections British Columbia (BC)
 - Elections Manitoba
 - Elections Ontario
 - Elections Prince Edward Island (PEI)
 - Elections Saskatchewan

- The Tłıchq Government is also a C-Dem partner and will help with territorial/indigenous election studies; the Academic Collaborator is John Zoe
- The common core questionnaire, developed by the C-Dem CES Committee, will be used to provide continuity across the federal and provincial/territorial elections and Democracy Checkup surveys under the guidance of the Scientific Committee composed of academic collaborators and partner representatives
- The provincial/territorial leads and their responsibilities were outlined (slide #25)

(b) Reflections on Past Provincial Surveys and Suggestions for Future Surveys

- Based on the provincial elections project run from 2011 – 2013, as well as studies conducted in Alberta, Jared Wesley identified the following areas to explore more deeply in future surveys:
 - Regionalism and national unity
 - Alienation and separatism
 - People's reasoning for their responses
 - People's ideological self-placement, the breadth of ideological differences, and their 'leanings' toward a particular political party as well as ideological placements of the parties; ask respondents to identify on a 0 – 10 left-right spectra
 - People's rootedness in their communities can be an independent variable; rootedness is a predictor of one's engagement in politics and a higher level of voter turnout
- Use a core set of survey questions in each province/territory; this will result in a general data set of all questions that will be used
- Build in questions that are specific to the province in which the survey is being conducted in consultation with other C-Dem Academic Collaborators
- A theme to be addressed is the notion of state identity; questions in the CES core survey ask whether provincial governments should have more or less power than the federal government and repeat these questions across the provinces
- The question regarding Quebec sovereignty needs to be reworded; "independence" is a better word
- Rethink the question about voting intention – Who are you going to vote for?; use a scale to determine preferences to capture the dynamics of the election campaign because in past campaigns there has been a lot of movement
- Add a legacy question to the provincial surveys
- Questions regarding alienation are relevant to all provinces
- Experiment with other vendors, yet every firm has an issue; need to determine what issues can be dealt with and build these into the contract (e.g., protocols for identifying speeders, refusals, subcontracting) to address vendors' reluctance to give information
- Vendors are trying to ramp up academic projects; have their own panel
- Direct providers (no subcontracting) are the best

- Getting the approval from university ethics boards has been a challenge for some in the past; the requirements vary across institutions, for example Western accepts a broad list of topics, where the University of New Brunswick (UNB) requires the list of survey questions, UQAM's Ethics Board accepts Western's approval
 - The suggested process, particularly with reference to meeting the UNB requirements is: (i) approval for the code is obtained from Western's ethics board and Ryerson's ethics board, the (ii) approval is obtained by UNB's ethics board
- All survey modules were approved by researchers' ethics boards prior to implementation
- It was agreed that the Provincial/Territorial Leads need to obtain approval by the ethics board of their university prior to research being conducted
- Details regarding the need for approval from ethics boards was discussed; Co-directors will circulate the current ethics material on the C-Dem Dropbox

(c) Survey Design and Sample Size

- Perhaps start earlier; three-wave data – like did with the Democracy Checkup
- Time the provincial surveys as closely as possible so that it is easier to make comparisons
- The pre-survey is very important given the contamination of the data due to the election results; need to do the pre-survey three days before the election and the post three days after to measure the impact of the election results, for all surveys
- Having a very short post-survey was suggested
- Consider giving up doing phone surveys in some provinces to have more data from online studies, at least campaign period studies and, if possible, also post-election studies, but perhaps shorter just to get few key questions (turnout and vote choice); the budget can be rejigged according to what is decided
- Rolling cross-section is really important; it is important to have a lot of sample early in the campaign so comparisons can be made; sample collection is uneven over time; characteristics of the sample change over time
- Concern was expressed about doing a rolling cross section because 1500 people is a small sample
- Perhaps do a controlled release that tries to reach quotas; capture when something happens on a day so that you have enough data to help assess the impact of the event

(d) Phone-Online Mix in Ontario, British Columbia (BC), and Quebec

- Put funding for the phone survey toward the online pre and post study, this will be more effective
- BC has funding for phone contact; contacting by phone validates the online survey results
- Re-contact those in the province who took the Democracy Checkup survey the year of the provincial survey

(e) Actions

- Provincial Election Leads are asked to reach out to their respective provincial election bodies regarding the timing of the survey and the survey instrument as well as fulfill their other responsibilities:
 - Develop the provincial questionnaire from the core survey approved by the Scientific Committee
 - Confer with various stakeholders about the survey instrument
 - Provide a post-data collection report to the Scientific Committee; a report form will be created to identify the information requested
- Have provincial surveys ready to go if a government falls; particularly when it is a minority government
- All C-Dem Academic Collaborators need to obtain approval from their university's ethics board prior to commencing the research

AGENDA ITEM #4 (1:45 – 2:15 P.M.): USING THE DATA

DISCUSSION POINTS

(a) Public Data Release

- The CES Core Survey will be released 6-months post data collection
- CES internal modules will be released 12-months post data collection
- Purchasers of external modules own the data and are encouraged to deposit data 12-months post data collection
- Options for charging a higher fee for keeping the data private or leasing exclusive rights to the data for a period of time prior to it becoming public were suggested; both options might not be possible because SSHRC requires that the data are public

(b) Publishing

- Citation rules for publications of the CES Provincial Studies will privilege the provincial lead and then the remaining CES team members
- The contracts, developed by Ryerson's legal team, with researchers participating in the C-Dem Project strongly encourage publication of the data
 - Intellectual property is written into the agreement
- Provincial/Territorial Leads have 'first crack' at publishing research papers
- It is important to strike a balance of authorship; make a rule on first publication, people have different workloads

(c) Actions

- Consider extending the timelines regarding publications from 13 months to 36 months to provide researchers more time
- Determine if the contract with purchasers of modules includes a requirement that the research results be presented at C-Dem events
- All researchers publishing papers must cite data in a standardized way and comply with C-Dem Terms for Publication and Data Use (see link in *Supporting Documents*, page 1)
- Prior to the 6-month public release of CES, any papers need to be vetted by the C-Dem Steering Committee as they have first crack at publishing with CES data
- Create a Researcher Group in Slack to facilitate collaboration across the C-Dem Network and inform the Network of new projects
- Create a system for accessing the final version of the data using Dropbox
- Circulate the process for graduate students to access the data
- Inform Allison or Laura if you have people who want to use the data now
- Develop an additional dataset to allow the use of CES data with other geographical information

AGENDA ITEM #5 (2:15 – 2:30 P.M.):

PARTNERSHIP GRANT OVERVIEW AND REPORTING REQUIREMENTS

(a) Overview of the Partnership Grant

- C-Dem Project is funded by SSHRC for seven years starting April 2019, with one-year automatic renewal
- Active participation by members of the C-Dem Network is important
- The governance structure was described (slide #31)

(b) Reporting Requirements

- SSHRC requires annual reports of spending and activities which includes partner contributions:
 - Cash contributions, including funding RA funding
 - Publications
 - Conference presentations and university talks
 - Events that are co-sponsored by C-Dem
 - Number of students involved including students using the data for research
 - Use of the data in the classroom
 - Number of students hired to be research assistants
 - Use of social media
 - Number of downloads
 - Number of blog posts/discussions of ideas for research papers
- There is C-Dem funding for contribution to partner events as well as co-sponsorship

- One of the four project objectives is to mobilize and disseminate data-driven, cross-sectoral research addressing major issues of electoral democracy; the annual report needs to document how this objective is being met; innovation is encouraged
- C-Dem will provide letters of support to partners who are applying for a grant, confirming partners' collaboration in the C-Dem Project; SSHRC expects the C-Dem funding to be leveraged to secure additional funding from other sources
- An annual partner report form will be created and prepopulated as best as possible
- In-kind contributions by partners needs to be 35% by October 2022, the project mid-term

(c) Actions

- Send information about partner contributions on a regular basis to the C-Dem administrative e-mail address: admin@c-dem.ca
- The Project Manager will compile this information and use it to pre-populate the partner report form

AGENDA ITEM #6 (3:00 – 3:30 P.M.): TRAINING AND OPPORTUNITIES

(a) Training Overview

- High-quality training, mentoring, and employment plans for students and emerging scholars are key components of the C-Dem Project
- The members of the training committee are:
 - Laura Stephenson
 - Allison Harell
 - David Armstrong
 - Loleen Berdahl
 - Jason Roy
 - Joanie Bouchard
 - Laura French Bourgeois

(b) Training Activities Scheduled in 2019

- CPSA 2020 Preworkshop
- Jason Roy is working with Loleen Berdahl to complete three C-Dem training manuals which include instructions on opening a dataset and gathering descriptions of variables; part of a textbook project
 - CES data are used as examples throughout the text
 - The publisher has agreed to post the manuals on the C-Dem website
- One of the training sessions is a CES Data Primer which is ideally suited for people who have no knowledge of the CES and can serve as a basis for RA (undergraduate or graduate) training; this two-hour primer will be presented at C-Dem's CPSA Pre-Workshop scheduled for June 1, 2020; the 'Save the Date' flyer is in the meeting folder

- Funding from SSHRC for student training may be available; this still needs to be determined
- Developing online training resources; Dave Armstrong presented the online application (app) he is working on which is in the 'proof of concept' stage and:
 - Offers ability to choose variables in specific models, e.g., political party, gender, age group, region, time period
 - Can choose effect type (average case or average effect)
 - Uses common language
 - Can be translated into French
 - Includes tool tips
 - Will be copyrighted with the C-Dem logo
 - Support inquiry-based learning for students

(c) Opportunities

- Student involvement in C-Dem includes:
 - Two post-doctoral fellowship competitions a year
 - Multiple student assistantships, including MA support for provincial leads
 - Possibility of funding student travel for C-Dem data presentations or participation
- MITACS Internships are another opportunity:
 - \$10,000 stipend plus \$5000 research money for MA, PhD, and Post-doctoral students, co-funded by a partner and MITACS Accelerate Program
 - Four to six months
 - Students need to be identified early so C-Dem can facilitate matching with partner organizations (does not need to be a formal C-Dem partner)
 - Need to determine if students need to be on a student visa
- Additional opportunities include:
 - Students spending time with C-Dem researchers (C-Dem can create a list of interested students)
 - Using the Network as a channel for making intellectual connections among people; students can present their work to researchers

(d) Actions

- Partners are asked to provide input regarding:
 - Determining where best to focus limited resources for student training
 - Additional ideas for training programs such as mentoring/matching program, webinars or onsite training activities
- Ask students to determine the best way for connecting them with C-Dem researchers, e.g., create a Facebook page or a help-wanted/help available list

AGENDA ITEM #7 (3:30 – 4:00 P.M.): NEXT STEPS

(a) Next Steps in 2020

- Annual module competition in January 2020
 - Selling modules was very popular in 2019
 - It is important to know if the Network members support the competition
 - The goal is to have winning a free module a “recognized win”
- C-Dem Advisory Council is meeting in February
- Democracy Checkup Survey conducted in March
- CES data release I in April; CES data release II in November
- C-Dem Forum, May 4 at UQAM
- CPSA Conference in June at Western University
 - Pre-workshop, “Working with the CES 2019 Data,” June 1
 - Workshop, “Understanding Electoral Democracy: The 2019 Canadian Election in Perspective,” June 4
 - C-Dem reception, June 4
- Saskatchewan election in November

(b) Future Meetings of the Academic Co-Investigators and Collaborators

- Suggestion is to plan meetings every two years in conjunction with other meetings that C-Dem Network members are likely to attend to minimize travel time, such as the Toronto Political Behaviour Workshop or the PPSA or the ISPP
- Also suggested to hold meetings of C-Dem panels, smaller groups of people
- A meeting in the final year of the project should be held to discuss secession – continued promotion of the C-Dem brand, sustaining the Network and the CES
- Provincial leads need to reconvene early in 2020

(c) Actions

- Everyone is asked to provide feedback regarding the annual module competition
- Participants are encouraged to invite their deans or vice-deans to the C-Dem reception on June 4, 2020; it is an opportunity to increase first-hand knowledge of the C-Dem Project and their university’s contributions
- Identify opportunities for C-Dem-sponsored regional conferences

ADJOURNMENT

The meeting was adjourned at 4:00 p.m.

PARTICIPANTS (in alpha order)

NAME	UNIVERSITY	C-DEM PARTICIPATION
Allison Harell	Université du Québec à Montréal (UQAM)	Co-Director/Executive Committee (EC) Scientific Committee (SC)/Training Committee (TC)
Amanda Bittner	Memorial University	Academic Co-Investigator (ACI)/ Provincial Election Lead (PEL) Prince Edward Island
Barbara Oram	University of Western Ontario	Project Manager
Benjamin Allen Stevens	Ryerson University	CES Project Manager/Lead Programmer
Cameron Anderson	University of Western Ontario	ACI/PEL Ontario
Daniel Rubenson	Ryerson University	EC/SC/Module Competition Committee (MCC)
Dave Armstrong	University of Western Ontario	ACI/SC/TC
Dietlind Stolle	McGill University	Academic Collaborator (AC)
Elisabeth Gidengil	McGill University	Advisory Committee
Éric Bélanger	McGill University	ACI/PEL Quebec
Jake Bowers	University of Illinois at Urban-Champaign	AC/SC
Jared Wesley (via Zoom)	University of Alberta	ACI/PEL Alberta
Jason Roy	Wilfred Laurier University	ACI/PEL Nova Scotia/TC
Jerald Sabin	Bishop's University	ACI/PEL North West Territories
Joanie Bouchard	University of Western Ontario	Post-Doctoral Fellow
Joanna Everitt	University of New Brunswick	ACI/PEL New Brunswick
Laura French Bourgeois	UQAM	Post-Doctorate Fellow
Laura Stephenson	University of Western Ontario	Co-Director/EC/SC/TC
Marc André Bodet	Laval University	AC/SC
Mark Pickup	Simon Fraser University	ACI/PEL British Columbia/SC
Michael McGregor	Ryerson University	AC
Miranda Hassell	Ryerson University	AC (representing John Beebe)
Peter Loewen	University of Toronto	EC/SC
Royce Koop	University of Manitoba	ACI/PEL Manitoba

PARTICIPANTS (continued)

NAME	UNIVERSITY	C-DEM PARTICIPATION
Ruth Dassonneville	Université de Montréal	ACI/SC/MCC
Scott Matthews	Memorial University	ACI/PEL Newfoundland and Labrador
Tania Gosselin	UQAM	AC
Valérié-Anne Maheo	Université de Montréal	AC